

AMERICAN JOURNAL OF MATHEMATICS

Founded in 1878 by The Johns Hopkins University

INDEX TO VOLUME 133	2011
---------------------	------

	PAGE
ABHYANKAR, SHREERAM S. and IGNACIO LUENGO. Algebraic theory of dicritical divisors	1713
BALOG, A., A.-C. COJOCARU, and C. DAVID. Average twin prime conjecture for elliptic curves	1179
BAMBUSI, D. and S. CUCCAGNA. On dispersion of small energy solutions of the nonlinear Klein Gordon equation with a potential	1421
BAOUENDI, M. SALAH, PETER EBENFELT, and XIAOJUN HUANG. Holomorphic mappings between hyperquadrics with small signature difference	1633
BENOIS, DENIS. A generalization of Greenberg's \mathcal{L} -invariant	1573
BERMAN, M. N. Uniformity and functional equations for local zeta functions of \mathfrak{K} -split algebraic groups	1
BHUPAL, M. and A. I. STIPSICZ. Weighted homogeneous singularities and rational homology disk smoothings	1259
BRENNER, H. and H. FISCHBACHER-WEITZ. Generic bounds for Frobenius closure and tight closure	889
BRINGMANN, K. and K. MAHLBURG. An extension of the Hardy-Ramanujan circle method and applications to partitions without sequences	1151
BUAN, A. B., O. IYAMA, I. REITEN, and D. SMITH. Mutation of cluster-tilting objects and potentials	835
CERVEAU, D. and A. LINS NETO. Local Levi-flat hypersurfaces invariants by a codimension one holomorphic foliation	677
CHAN, D. and R. S. KULKARNI. Moduli of bundles on exotic del Pezzo orders	273
CHANG, C.-Y. and M. A. PAPANIKOLAS. Algebraic relations among periods and logarithms of rank 2 Drinfeld modules	359
CHEN, D. and I. COSKUN. Towards Mori's program for the moduli space of stable maps	1389

CHU, C. Chow flag variety and Lawson homology	1365
CHUNG, K. and Y.-H. KIEM. Hilbert scheme of rational cubic curves via stable maps	797
CIANCHI, A., N. FUSCO, F. MAGGI, and A. PRATELLI. On the isoper- imetric deficit in Gauss space	131
COJOCARU, A.-C. See BALOG, A.	
COSKUN, I. See CHEN, D.	
CUCCAGNA, S. See BAMBUSI, D.	
DAVID, C. See BALOG, A.	
DE JONG, A. J. and R. FRIEDMAN. On the geometry of principal homo- geneous spaces	753
DIAMANTIS, N. and D. GOLDFELD. A converse theorem for double Dirichlet series	913
DUZAAR, F. and G. MINGIONE. Gradient estimates via non-linear poten- tials	1093
EBENFELT, PETER. See BAOUENDI, M. SALAH	
EFRAT, IDO and JÁN MINÁČ. On the descending central sequence of absolute Galois groups	1503
ELLIOTT, G. A., L. ROBERT, and L. SANTIAGO. The cone of lower semi- continuous traces on a C^* -algebra	969
FISCHBACHER-WEITZ, H. See BRENNER, H.	
FRIEDMAN, R. See DE JONG, A. J.	
FUJIKAWA, E. and MATSUZAKI, K. Stable quasiconformal mapping class groups and asymptotic Teichmüller spaces	637
FURUSAWA, M. and K. MARTIN. On central critical values of the degree four L -functions for $\mathrm{GSp}(4)$: the fundamental lemma, II	197
FUSCO, N. See CIANCHI, A.	
GARLAND, HOWARD and YONGCHANG ZHU. On the Siegel-Weil theo- rem for loop groups, II	1663
GOLDFELD, D. See DIAMANTIS, N.	
GRANVILLE, A. and I. WIGMAN. The distribution of the zeros of ran- dom trigonometric polynomials	295
GREENE, J. and S. JABUKA. The slice-ribbon conjecture for 3-stranded pretzel knots	555
GROSS, BENEDICT H. Irreducible cuspidal representations with pre- scribed local behavior	1231
GRUSHEVSKY, S. and R. S. MANNI. The superstring cosmological con- stant and the Schottky form in genus 5	1007

HABERL, C. Blaschke valuations	717
HENNIART, G. and L. LOMELÍ. Local-to-global extensions for GL_n in non-zero characteristic: a characterization of $\gamma_F(s, \pi, \text{Sym}^2, \psi)$ and $\gamma_F(s, \pi, \wedge^2, \psi)$	187
HUANG, XIAOJUN. See BAOUENDI, M. SALAH	
IYAMA, O. See BUAN, A. B.	
JABUKA, S. See GREENE, J.	
JOYCE, D., Y.-I. LEE, and R. SCHOEN. On the existence of Hamiltonian stationary Lagrangian submanifolds in symplectic manifolds	1067
KATO, S. Deformations of nilpotent cones and Springer correspond- ences	519
KAWAKITA, M. Towards boundedness of minimal log discrepancies by the Riemann-Roch theorem	1299
KENIG, C. E. and F. MERLE. Nondispersive radial solutions to energy supercritical non-linear wave equations, with applications	1029
KIEM, Y.-H. See CHUNG, K.	
KIRKPATRICK, K., B. SCHLEIN, and G. STAFFILANI. Derivation of the two-dimensional nonlinear Schrödinger equation from many body quantum dynamics	91
KULKARNI, R. S. See CHAN, D.	
LEE, Y.-I. See JOYCE, D.	
LINS NETO, A. See CERVEAU, D.	
LOMELÍ, L. See HENNIART, G.	
LUENGO, IGNACIO. See ABHYANKAR, SHREERAM S.	
MAGGI, F. See CIANCHI, A.	
MAHLBURG, K. See BRINGMANN, K.	
MANNI, R. S. See GRUSHEVSKY, S.	
MARTIN, K. See FURUSAWA, M.	
MATSUZAKI, K. See FUJIKAWA, E.	
MENAL FERRER, P., N. MONREAL GALÁN, and A. NICOLAU. Interpo- lating sequences for analytic selfmappings of the disc	437
MERLE, F. See KENIG, C. E.	
MINÁČ, JÁN. See EFRAT, IDO	
MINGIONE, G. See DUZAAR, F.	
MONREAL GALÁN, N. See MENAL FERRER, P.	
MOY, A. and M. TADIĆ. A construction of elements in the Bernstein cen- ter for quasi-split groups	467

MUSTOPA, Y. Residuation of linear series and the effective cone of C_d . .	393
NGUYEN QUANG DO, THONG and VÉSALE NICOLAS. Nombres de Weil, sommes de Gauss et annulateurs Galoisien	1533
NICOLAS, VÉSALE. See NGUYEN QUANG DO, THONG	
NICOLAU, A. See MENAL FERRER, P.	
PAPANIKOLAS, M. A. See CHANG, C.-Y.	
PARESCHI, G. and M. POPA. GV-sheaves, Fourier-Mukai transform, and generic vanishing	235
PHILLIPS, N. CHRISTOPHER The tracial Rokhlin property for actions of finite groups on C^* -algebras	581
POPA, M. See PARESCHI, G.	
PRATELLI, A. See CIANCHI, A.	
PRAVDA-STAROV, K. Subelliptic estimates for quadratic differential operators	39
REITEN, I. See BUAN, A. B.	
ROBERT, L. See ELLIOTT, G. A.	
RÖKAEUS, K. The class of a torus in the Grothendieck ring of varieties .	939
SANTIAGO, L. See ELLIOTT, G. A.	
SCHLEIN, B. See KIRKPATRICK, K.	
SCHOEN, R. See JOYCE, D.	
SMITH, D. See BUAN, A. B.	
STAFFILANI, G. See KIRKPATRICK, K.	
STIPSICZ, A. I. See BHUPAL, M.	
TADIĆ, M. See MOY, A.	
TAKAHASHI, R. Contravariantly finite resolving subcategories over commutative rings	417
TSENG, H.-H. Chern classes of Deligne-Mumford stacks and their coarse moduli spaces	29
TSUJI, HAJIME. Canonical singular hermitian metrics on relative canonical bundles	1469
WIGMAN, I. See GRANVILLE, A.	
ZHU, YONGCHANG. See GARLAND, HOWARD	
ZORN, C. Theta dichotomy and doubling epsilon factors for $\widetilde{\mathrm{Sp}}_n(F)$. . .	1313

